

5100 (KLM)

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U.S. Department of Agriculture  
Statistical Reporting Service and  
U.S. Department of Commerce  
Environmental Science Services Admn.  
National Weather Service

Nebraska Department of Agriculture  
Division of Agr'l. Statistics  
Agricultural Extension Service  
of Nebr. College of Agriculture

NEBRASKA WEEKLY WEATHER AND CROP REPORT

Release 8/2/71

Week Ending 8/2/71

**WEATHER** Exceptionally cold weather prevailed in Nebraska the past week. Very seldom does the State experience a July week so cold. Temperatures averaged from 10 to 13 degrees below normal. Nighttime temperatures in the 40's and 50's were common, and many stations in the Sandhills and Panhandle reported readings in the 30's. New all-time July lows were set at a number of stations and the 29 degrees at Agate on Friday morning is the lowest July temperature ever officially recorded in the State. Plants froze in that section, and frost was observed at many places in the Sandhills. Scattered showers fell early in the week. The showers were mostly light, but a few heavy ones fell in a narrow band from Grand Island to the northeast corner of the State with amounts ranging up to two inches. Local hail fell with the heavier showers.

**CROPS** Top soil has become dry in many areas, but crop conditions remain good to excellent. Reports of shortages of subsoil moisture are scattered, but two-thirds of the reporters indicate adequate supplies. Cooler temperatures have slowed plant development but were beneficial in conserving moisture supplies and reducing evaporative losses.

Corn plant development has reached the silking stage on 85 percent of the acreage, which is near normal for this date. Farmers are keeping a close watch for insect and disease problems so that control measures can be taken when needed to prevent losses. Second brood European corn borers are appearing in eastern Nebraska and could be a problem for late planted corn fields.

Sorghum heading has progressed to 40 percent or normal for this date. The crop looks very good with only local problems of greenbugs. Natural predators are controlling greenbug populations in some fields; however, spraying for control is necessary in other areas.

Soybeans are podding on 45 percent of the acreage which is normal for this date.

Wheat harvest is nearing completion in the Panhandle, but showers and high humidity have slowed cutting operations. Statewide, 96 percent of the acreage has been cut which is near normal for this date.

Dry beans and sugar beets are in good condition except locally where hail storms have caused damage. Cooler temperatures have aided irrigation operations. The second crop alfalfa is almost harvested, and 10 percent of the third crop is cut.

**LIVESTOCK** Pasture and range feed conditions remain adequate to above average. Livestock conditions are good, especially since cooler temperatures moved across the State.

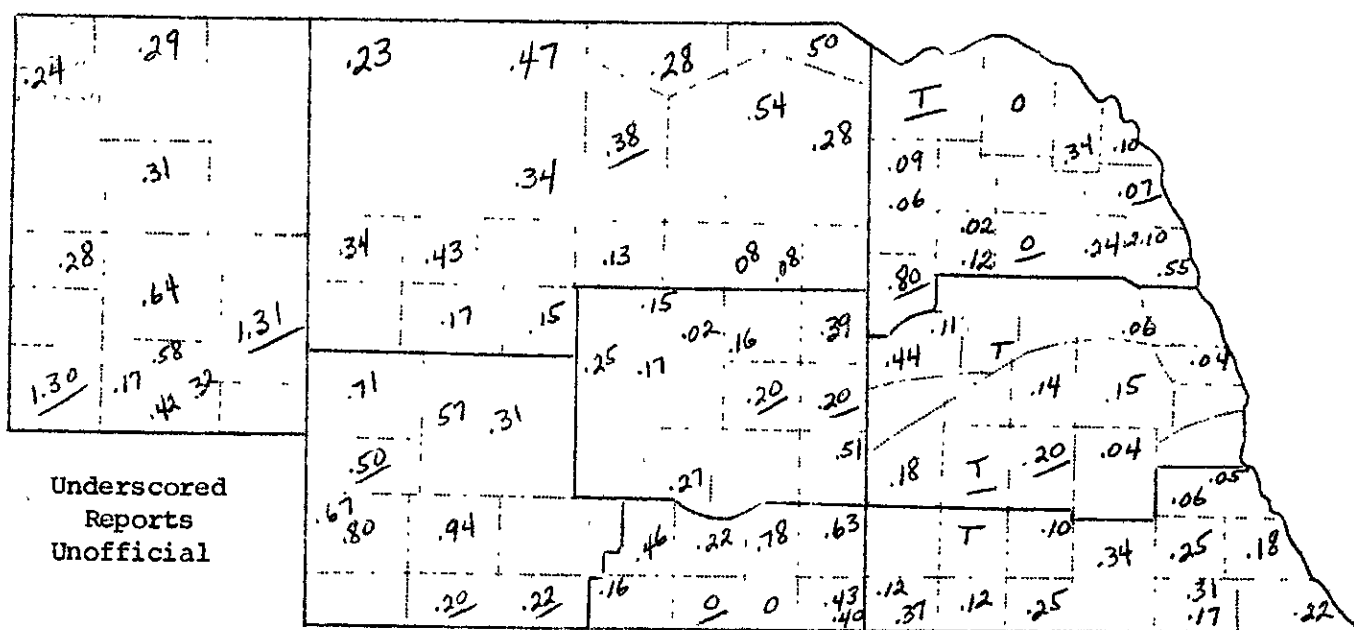
NATIONAL WEATHER SERVICE TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING AUGUST 1, 1971

East	Central	West
Grand Island .44	Burwell .04	Chadron .01
Lincoln .04	North Platte .25	Imperial .31
Norfolk .02	Valentine .14	Scottsbluff .26
Omaha .06		Sidney .29
Sioux City .08		

Precipitation, April 1 - July 30, 1971

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week.....	.34	.29	.40	.25	.12	.59	.39	.18
Total since April 1...10.44	12.41	14.40	13.25	13.48	14.34	13.22	13.67	
Normal since April 1.. 9.66	11.24	13.02	12.41	13.68	10.58	12.23	14.61	

# PRECIPITATION MAP FOR WEEK ENDING JULY 30, 1971



HIGHEST AND LOWEST TEMPERATURE (Daytime highs, 6:00 a.m. to 6:00 p.m.;  
Nighttime lows, 6:00 p.m. to 6:00 a.m., CST)

		July 26th		27th		28th		29th		30th		31st		August 1st	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
NW	Chadron	77	51	81	45	72	44	72	38	85	45	89	53	88	51
	Scottsbluff	77	51	87	54	80	49	71	45	80	49	89	53	86	53
	Sidney	70	53	86	51	80	46	69	37	78	49	86	49	85	53
NC	Burwell	78	51	85	47	75	52	72	37	81	51	91	56	85	55
	Valentine	78	52	86	45	74	42	72	38	81	46	92	58	88	53
NE	Norfolk	77	55	84	55	73	51	72	42	70	50	89	62	84	56
	Sioux City	76	55	84	55	75	49	75	42	73	49	88	64	83	56
CEN	Grand Island	79	55	85	54	77	54	77	42	76	58	88	63	86	58
EC	Lincoln	79	59	82	59	75	59	76	46	75	55	87	63	91	64
	Omaha	74	58	83	56	73	56	75	44	71	55	84	60	84	57
SW	Imperial	69	53	87	56	79	52	72	47	79	54	86	52	88	55
	North Platte	76	52	86	51	75	52	72	41	78	49	84	50	85	56

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